

WE CLAIM:

1. A method of displaying still images on a backboard that appear animated to viewers in motion, said method comprising:

selecting a side profile for said backboard;
representing said selected profile
mathematically;

selecting an optimal viewer position;
selecting a worst case viewer position;
calculating a magnification factor for said
optimal viewer position;

calculating a magnification factor for said
worst case viewer position;

determining whether said magnification
factors result in acceptable observable images;

preshrinking images in accordance with said
magnification factor for said optimal viewer position when
said magnification factors are determined to result in
acceptable observable images; and

mounting said preshrunk images on said
backboard.

2. The method of claim 1 wherein said selecting
a side profile comprises selecting a side profile in
accordance with available installation space.

3. The method of claim 1 wherein said selecting
a side profile comprises selecting a nonplanar side profile
for said backboard.

4. The method of claim 1 wherein said selecting
a side profile comprises selecting a planar side profile
for said backboard.

5. The method of claim 1 wherein said representing comprises representing said selected profile mathematically by approximation.

6. The method of claim 1 wherein said determining comprises determining whether a difference between said magnification factors exceeds a preset magnification limit.

7. The method of claim 6 wherein said preset magnification limit is +/- 10% of the difference between said magnification factors.

8. The method of claim 1 further comprising selecting a side profile for a slitboard, said slitboard comprising a plurality of slits through which said images can be seen by said viewers in motion.

9. The method of claim 8 wherein said selecting a side profile for a slitboard comprises selecting a side profile for a slitboard that is identical to said selected side profile for said backboard.

10. The method of claim 1 further comprising illuminating said preshrunk images from behind said backboard, said backboard facing said viewers in motion.